

***Amendments to the Claims***

The listing of claims will replace all prior versions, and listings of claims in the application.

- 1-2. (Cancelled)
3. (Previously presented) An isolated nucleic acid comprising the sequence of SEQ ID NO:115.
- 4-46. (Cancelled)
47. (Currently Amended) An isolated polynucleotide comprising a nucleic acid sequence at least 95% identical to the sequence of SEQ ID NO: 115, wherein said isolated polynucleotide encodes a toxin that is capable of binding to a sodium channel.
48. (Currently Amended) An isolated polynucleotide comprising a nucleic acid sequence at least 90% identical to the sequence of SEQ ID NO: 115, wherein said isolated polynucleotide encodes a toxin that is capable of binding to a sodium channel.
49. (Currently Amended) An isolated polynucleotide comprising a nucleic acid sequence at least 85% identical to the sequence of SEQ ID NO: 115, wherein said isolated polynucleotide encodes a toxin that is capable of binding to a sodium channel.
50. (Currently Amended) An isolated polynucleotide comprising a nucleic acid sequence at least 83% identical to the sequence of SEQ ID NO: 115, wherein said

isolated polynucleotide encodes a toxin that is capable of binding to a sodium channel.

51. (Withdrawn) A recombinant vector comprising the nucleic acid of claim 3.
52. (Withdrawn) A recombinant vector comprising the nucleic acid of claim 3 operatively associated with a regulatory sequence that controls gene expression.
53. (Withdrawn) A genetically engineered host cell comprising the vector of claim 52.
54. (Withdrawn) A method for producing a polypeptide, comprising:
  - (a) culturing the genetically engineered host cell of claim 53 under conditions suitable to produce the polypeptide; and
  - (b) recovering the polypeptide from the cell culture.
55. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 47.
56. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 47 operatively associated with a regulatory sequence that controls gene expression.
57. (Withdrawn) A genetically engineered host cell comprising the vector of claim 56.
58. (Withdrawn) A method for producing a polypeptide, comprising:
  - (a) culturing the genetically engineered host cell of claim 57 under conditions suitable to produce the polypeptide; and
  - (b) recovering the polypeptide from the cell culture.
59. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 48.

- 60. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 48 operatively associated with a regulatory sequence that controls gene expression.
- 61. (Withdrawn) A genetically engineered host cell comprising the vector of claim 60.
- 62. (Withdrawn) A method for producing a polypeptide, comprising:
  - (a) culturing the genetically engineered host cell of claim 61 under conditions suitable to produce the polypeptide; and
  - (b) recovering the polypeptide from the cell culture.
- 63. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 49.
- 64. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 49 operatively associated with a regulatory sequence that controls gene expression.
- 65. (Withdrawn) A genetically engineered host cell comprising the vector of claim 64.
- 66. (Withdrawn) A method for producing a polypeptide, comprising:
  - (a) culturing the genetically engineered host cell of claim 65 under conditions suitable to produce the polypeptide; and
  - (b) recovering the polypeptide from the cell culture.
- 67. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 50.
- 68. (Withdrawn) A recombinant vector comprising the polynucleotide of claim 50 operatively associated with a regulatory sequence that controls gene expression.

69. (Withdrawn) A genetically engineered host cell comprising the vector of claim 68.
70. (Withdrawn) A method for producing a polypeptide, comprising:
- (a) culturing the genetically engineered host cell of claim 69 under conditions suitable to produce the polypeptide; and
  - (b) recovering the polypeptide from the cell culture.